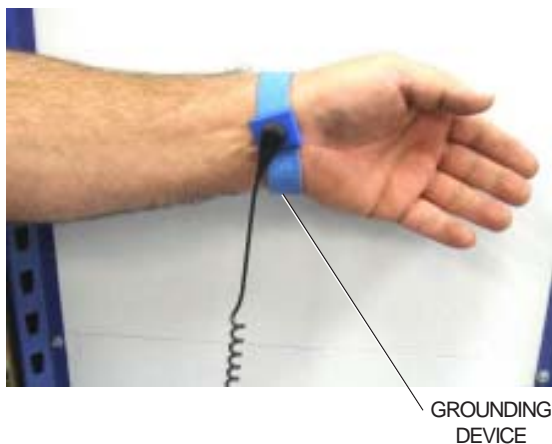


## EPROM Replacement

The purpose of these instructions is to demonstrate the proper way to remove and replace an EPROM chip.

Be sure to ground yourself before you touch the chip and install it. The best way to do this is to use a grounding device similar to the one shown in *Figure 1*. We also recommend the use of an EPROM removal tool as shown in *Figure 2*. Both of these can be purchased at an electronics supply store.



*Figure 1*



*Figure 2*

**i** **NOTE:** Always verify that you are able to properly locate and identify the EPROM to be replaced before starting this procedure. If you are unsure, contact your Brunswick representative for clarification.

1. Shut off the Main Power and unplug the equipment. Refer to *Figures 3 & 4*.

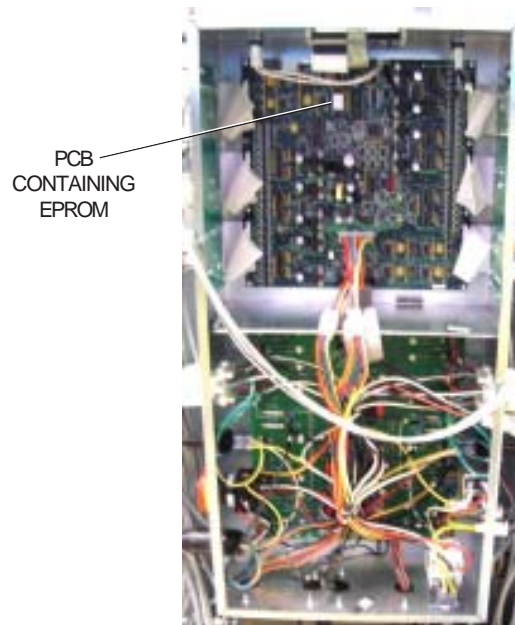


*Figure 3*



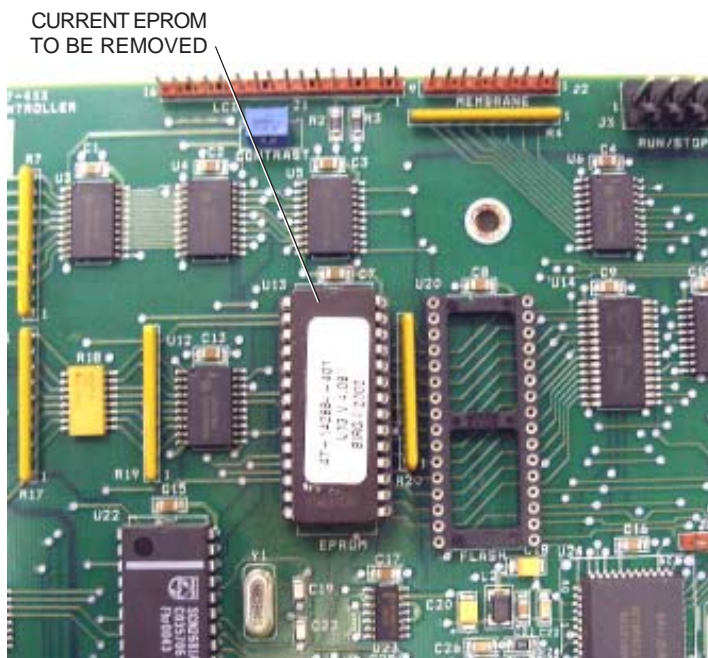
*Figure 4*

2. Remove the cover and identify the circuit board to be worked on. Refer to *Figure 5*.



*Figure 5*

3. Locate and remove the existing EPROM with the EPROM extractor tool. Refer to *Figures 6 & 7*.



*Figure 6*



*Figure 7*

**i** **NOTE:** Brunswick does not recommend using any device other than the EPROM extractor, such as screwdrivers, as they can cause severe damage to the EPROM, the EPROM socket, and/or the PCB. Brunswick will not warranty such damage.

- Align the notch in the new EPROM with the drawing on the PCB. Refer to *Figures 8 & 9*.



*Figure 8*



*Figure 9*

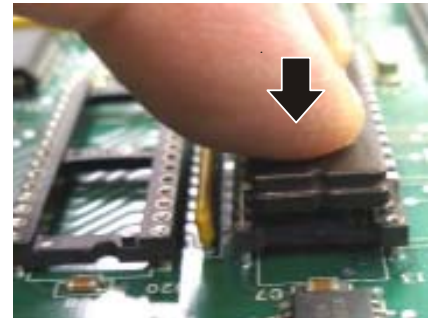
- Insert the pins on one side of the socket, gently push the EPROM to the side to align the other side of pins and sockets. Verify all pins are aligned with the holes in the socket, then firmly press the EPROM completely into the socket. Refer to *Figure 10, 11 & 12*.



*Figure 10*



*Figure 11*



*Figure 12*

- Replace the cover on the control box and restore power to the system.

